

LIST OF CURRENT CLAIMS

1. (Currently Amended) Blowing nozzle for supporting a weft thread in a weaving machine, said nozzle including a flow-through canalisation for a fluid tracing a bend near the free end of the blowing nozzle to subsequently flow into the environment via at least one outlet opening, wherein a jet pipe is formed in this flow-through canalisation, and said jet pipe is being integrated in said bend and having a narrower section defining a critical section of the jet pipe, wherein said flow-through canalisation narrows from a part preceding said critical section to said critical section, and wherein said flow-through canalisation has a part that extends from the critical section to said outlet opening and that has an upper wall which is exclusively concave, the upper wall extending from said critical section to said outlet opening.

2. (Cancelled)

3. (Currently Amended) Blowing nozzle according to claim 1, wherein ~~the jet pipe has a said critical section which~~ is located at least partially half-way within the blowing nozzle that is located opposite the half in which the outlet opening is provided, relative to the longitudinal axis of the blowing nozzle.

4. (Previously Presented) Blowing nozzle according to claim 1, wherein ~~the jet pipe has a said critical section which forms an angle with the longitudinal axis of the blowing nozzle which amounts to at least 15 degrees, preferably between 15 and 40 degrees, in the direction of said bend.~~

5. (Previously Presented) Blowing nozzle according to claim 2, wherein the flow-through canalisation is made such that it widens from the critical section of said jet pipe up to the outlet opening.

6. (Currently Amended) Blowing nozzle according to claim 1, wherein the part of the flow-through canalisation which extends from the critical section of the jet pipe up to the outlet opening has one or several of the following characteristics:

- the upper wall of said part is concave and/or straight from the critical section up to the outlet opening;
- at least the part of the upper wall of said part which is connected to the critical section is made concave;
- the upper wall of said part is exclusively concave from the critical section up to the outlet opening;
- the upper wall of said part is concave with a bend providing for gradual change of direction of the upper wall over 20 degrees at the most;
- the lower wall of said part has a rectilinear or almost rectilinear part at least near the outlet opening;
- at least the part of the lower wall which is connected directly to the critical section is made convex;
- the lower wall of said part from the critical section up to the outlet opening exclusively comprises a convex part, followed by a rectilinear or almost rectilinear part.

7. (Previously Presented) Blowing nozzle according to claim 2, wherein the narrowing part preceding the critical section of the jet pipe has an upper wall extending at least with a concave part into the critical section.

8. (Currently Amended) Blowing nozzle according to claim 1, wherein ~~the flow-through canalisation narrows from the part preceding the narrowest section up to the narrowest section of the jet pipe, namely a critical section; the flow-through canalisation widens from the critical section up to the outlet opening; and the part of the flow-through canalisation which extends from the critical section up to the outlet opening has an upper wall which is made exclusively concave and a lower wall which first has a convex curve from the critical section and then follows a rectilinear or almost rectilinear curve.~~

9. (Previously Presented) Blowing nozzle according to claim 1, wherein the flow-through canalisation comprises one or several ducts which have a rectangular section at least at the jet pipe and the following part.

10. (Previously Presented) Blowing nozzle according to claim 1, wherein the flow-through canalisation has several ducts which each have their own jet pipe and which open into the environment via their own outlet opening.

11. (Previously Presented) Blowing nozzle according to claim 10, wherein the outlet openings of said ducts are located exclusively next to each other, whereby they are either or not mutually shifted in height.

12. (Previously Presented) Blowing nozzle according to claim 11, wherein the outlet openings are arranged step-like.

13. (Previously Presented) Blowing nozzle according to claim 1, wherein the blowing nozzle is at least partially composed of segments in between which or in which are provided one or several ducts in order to form the flow-through canalisation.

14. (Previously Presented) Blowing nozzle according to claim 1, wherein the flow-through canalisation comprises of one or several ducts which open into one or several outlet openings, wherein said duct or these ducts are arranged such that the outgoing fluid jet or jets form a vertical as well as a horizontal angle with the longitudinal direction of a reed of the weaving machine.

15. (Currently Amended) Blowing nozzle for supporting a weft thread in a weaving machine, said nozzle including a flow-through canalisation for a fluid flowing into the environment via at least one outlet opening; a jet pipe formed in the flow-through canalisation, wherein the flow-through canalisation narrows from a part preceding the narrowest section up to the narrowest section of the jet pipe, namely a critical section; and wherein the flow-through canalisation widens from the critical section up to the outlet opening; and ~~in that the~~ wherein a part of the flow-through canalisation which extends from the critical section up to the outlet opening has an upper wall which is made exclusively concave and which extends from the critical section to the outlet opening, and has a lower wall which first has a convex curve from the critical section and then a straight or almost straight section.

16. (Currently Amended) Blowing nozzle for supporting a weft thread in a weaving machine, said nozzle provided with a flow-through canalisation for a fluid flowing into the environment via at least one outlet opening wherein the flow-through canalisation has at least one duct in which is integrated a jet pipe, wherein the jet pipe is integrated in a bend of the flow-through canalisation, and wherein said at least one duct

has a rectangular section at least at the respective jet pipe, and wherein a part of said flow-through canalisation preceding a critical section of said jet pipe narrows to the critical section, and a part of said flow-through canalisation extending from said critical section to said outlet opening has an upper wall which is exclusively concave and which extends from said critical section to said outlet opening.

17. (New) Blowing nozzle according to claim 1, wherein the critical section forms an angle with the longitudinal axis of the blowing nozzle of between 15 and 40 degrees.